

NWS San Diego, CA

October 2022 Climate Summary

A photograph of a field of wildflowers, including yellow and purple blooms, in the foreground. In the background, there are blue, hazy mountains under a clear sky.

OCTOBER WEATHER SUMMARY: October was a little warmer and a little drier than average. A mini-heatwave occurred Oct 18th-20th when a Santa Ana pattern sent coastal highs into the 80s and 90s. The hottest days was October 19th when coastal highs soared into the mid to upper 90s, which broke a few records.



OCTOBER TEMPERATURES



Location	Average High Temp (F)	Average Low Temp (F)	Average Temp (F)	Normal Average Temp (F)	Departure from Normal Average (F)
San Diego Airport	74.1	62.4	68.1	68.0	+0.1
Ramona Airport	80.7	51.9	66.3	64.2	+2.1
Escondido	81.2	60.3	70.7	69.1	+1.6
Santa Ana Fire Station	80.0	62.3	71.2	69.4	+1.8
Riverside Airport	83.6	58.3	70.9	68.9	+2.0
Idyllwild	71.0	45.0	58.0	56.8	+1.2
Big Bear Lake	64.7	37.0	50.9	49.2	+1.7
Palm Springs Airport	92.0	67.7	79.9	77.8	+2.1



OCTOBER PRECIPITATION



Location	Total Precipitation (inches)	Normal Precipitation (inches)	Departure from Normal (inches)
San Diego Airport	0.09	0.50	-0.41
Ramona Airport	0.48	0.69	-0.21
Escondido	0.23	0.57	-0.34
Santa Ana Fire Station	0.09	0.50	-0.41
Riverside	0.20	0.33	-0.13
Idyllwild	0.85	1.17	-0.32
Big Bear Lake	0.62	0.79	-0.17
Palm Springs Airport	0.11	0.20	-0.09



MAX AND MIN DEPARTURE FROM NORMAL

San Diego Airport

Observed Maximum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 73° -3° 76°
2 74° -2° 76°	3 73° -3° 76°	4 74° -2° 76°	5 70° -5° 75°	6 70° -5° 75°	7 75° 0° 75°	8 77° +2° 75°
9 76° +1° 75°	10 73° -2° 75°	11 73° -2° 75°	12 74° -1° 75°	13 70° -5° 75°	14 69° -6° 75°	15 73° -2° 75°
16 74° -1° 75°	17 74° 0° 74°	18 81° +6° 75°	19 95° +21° 74°	20 80° +6° 74°	21 73° -1° 74°	22 70° -4° 74°
23 69° -5° 74°	24 74° 0° 74°	25 74° 0° 74°	26 71° -3° 74°	27 70° -4° 74°	28 72° -2° 74°	29 73° -1° 74°
30 76° +2° 74°	31 77° +4° 73°					

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San Diego Airport

Observed Minimum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 66° +2° 64°
2 68° +4° 64°	3 68° +4° 64°	4 66° +2° 64°	5 65° +1° 64°	6 65° +2° 63°	7 65° +2° 63°	8 66° +3° 63°
9 67° +4° 63°	10 67° +4° 63°	11 67° +4° 63°	12 68° +6° 62°	13 66° +4° 62°	14 65° +3° 62°	15 64° +2° 62°
16 65° +3° 62°	17 61° 0° 61°	18 61° 0° 61°	19 62° +1° 61°	20 62° +1° 61°	21 66° +5° 61°	22 64° +4° 60°
23 59° -1° 60°	24 53° -7° 60°	25 51° -9° 60°	26 58° -2° 60°	27 59° 0° 59°	28 55° -4° 59°	29 56° -3° 59°
30 54° -5° 59°	31 55° -4° 59°					

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MAX AND MIN DEPARTURE FROM NORMAL

Palm Springs Airport

Observed Maximum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 97° +1° 96°
2 96° 0° 96°	3 103° +7° 96°	4 102° +7° 95°	5 100° +5° 95°	6 98° +4° 94°	7 97° +3° 94°	8 95° +1° 94°
9 96° +2° 94°	10 98° +5° 93°	11 95° +2° 93°	12 98° +6° 92°	13 99° +7° 92°	14 99° +7° 92°	15 89° -2° 91°
16 85° -6° 91°	17 92° +1° 91°	18 94° +4° 90°	19 93° +3° 90°	20 93° +3° 90°	21 95° +6° 89°	22 85° -4° 89°
23 80° -9° 89°	24 79° -9° 88°	25 80° -8° 88°	26 82° -6° 88°	27 83° -4° 87°	28 82° -5° 87°	29 87° 0° 87°
30 90° +4° 86°	31 90° +4° 86°					

October 2022

Palm Springs Airport

Observed Minimum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 71° +2° 69°
2 74° +5° 69°	3 77° +8° 69°	4 80° +12° 68°	5 79° +11° 68°	6 76° +8° 68°	7 75° +8° 67°	8 77° +10° 67°
9 75° +8° 67°	10 74° +8° 66°	11 74° +8° 66°	12 69° +3° 66°	13 74° +8° 66°	14 69° +4° 65°	15 68° +3° 65°
16 67° +2° 65°	17 66° +2° 64°	18 68° +4° 64°	19 68° +4° 64°	20 68° +5° 63°	21 68° +5° 63°	22 65° +2° 63°
23 61° -1° 62°	24 58° -4° 62°	25 52° -10° 62°	26 55° -6° 61°	27 57° -4° 61°	28 59° -2° 61°	29 56° -4° 60°
30 58° -2° 60°	31 61° +2° 59°					

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MAX AND MIN DEPARTURE FROM NORMAL

Riverside Airport

Observed Maximum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 83° -4° 87°
2 86° 0° 86°	3 88° +2° 86°	4 91° +5° 86°	5 91° +6° 85°	6 87° +2° 85°	7 90° +5° 85°	8 91° +7° 84°
9 87° +3° 84°	10 86° +2° 84°	11 82° -2° 84°	12 84° +1° 83°	13 81° -2° 83°	14 74° -9° 83°	15 70° -13° 83°
16 70° -12° 82°	17 83° +1° 82°	18 94° +12° 82°	19 94° +12° 82°	20 93° +11° 82°	21 85° +4° 81°	22 73° -8° 81°
23 72° -9° 81°	24 79° -2° 81°	25 80° -1° 81°	26 76° -4° 80°	27 82° +2° 80°	28 82° +2° 80°	29 83° +3° 80°
30 88° +8° 80°	31 87° +8° 79°					

October 2022

Riverside Airport

Observed Minimum Temperature Departure from Normal (°F)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 62° +3° 59°
2 62° +3° 59°	3 61° +3° 58°	4 62° +4° 58°	5 63° +5° 58°	6 64° +6° 58°	7 62° +5° 57°	8 64° +7° 57°
9 63° +6° 57°	10 61° +4° 57°	11 63° +6° 57°	12 63° +7° 56°	13 61° +5° 56°	14 63° +7° 56°	15 61° +6° 55°
16 60° +5° 55°	17 56° +1° 55°	18 60° +5° 55°	19 60° +6° 54°	20 63° +9° 54°	21 59° +5° 54°	22 60° +6° 54°
23 54° 0° 54°	24 52° -1° 53°	25 49° -4° 53°	26 48° -5° 53°	27 52° 0° 52°	28 49° -3° 52°	29 50° -2° 52°
30 49° -3° 52°	31 50° -1° 51°					

October 2022



NOTEWORTHY DAILY RECORD REPORTS IN OCTOBER

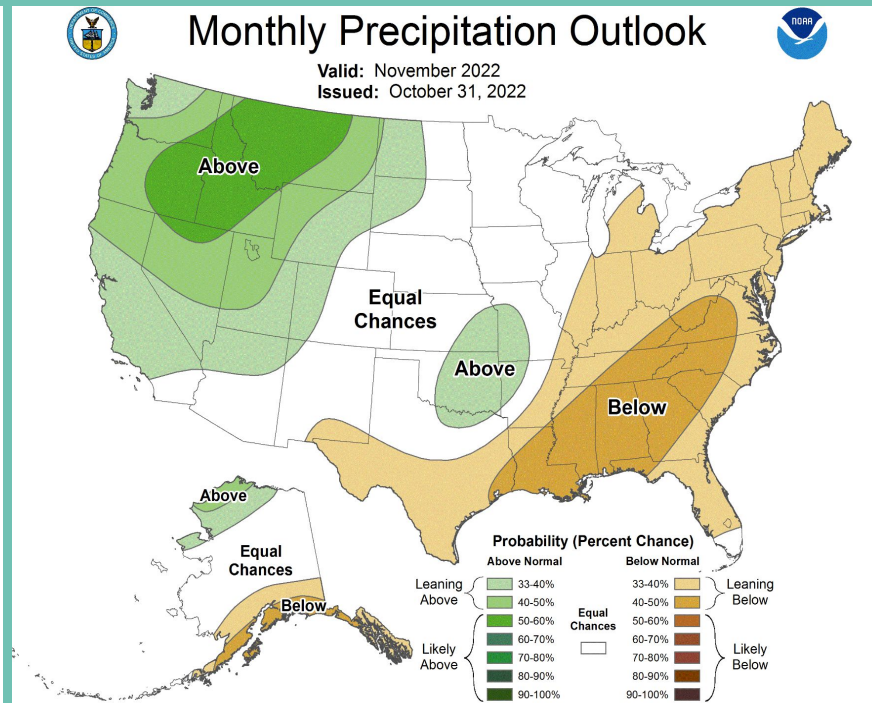
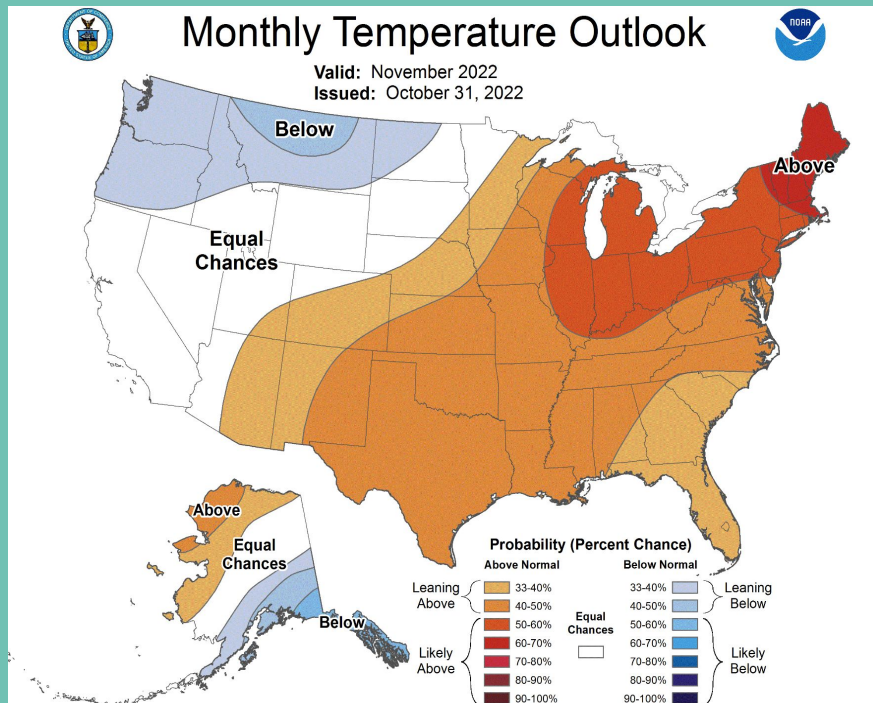
Site	Date	Record Type	New Record	Previous Record
Anaheim	19th	High Max Temp	**99	93 (2016)
Anaheim	19th	High Min Temp	**69	66 (2017)
Oceanside Harbor	19th	High Max Temp	90	82 (1977)
Vista	19th	High Max Temp	98	95 (1964)
Chula Vista	19th	High Max Temp	98	92 (1975)

****Two records in one day!**

On October 19th, Anaheim set a record high Max Temp AND a record high Min Temp.



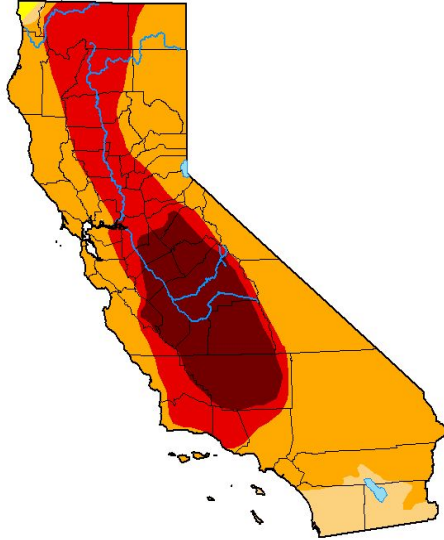
NOVEMBER OUTLOOK



The Climate Prediction Center favors equal chances of average temperatures in California in November (i.e. no strong signal of a hotter or colder than average month), and slightly better than average chances of above average precipitation in central and northern CA.

DROUGHT UPDATE

U.S. Drought Monitor California



September 27, 2022

(Released Thursday, Sep. 29, 2022)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	99.76	94.01	40.91	16.57
Last Week 09-20-2022	0.00	100.00	99.76	94.06	40.91	16.57
3 Months Ago 06-29-2022	0.00	100.00	99.79	97.48	59.81	11.59
Start of Calendar Year 01-04-2022	0.00	100.00	99.30	67.62	16.60	0.84
Start of Water Year 09-28-2021	0.00	100.00	100.00	93.93	87.88	45.66
One Year Ago 09-28-2021	0.00	100.00	100.00	93.93	87.88	45.66

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

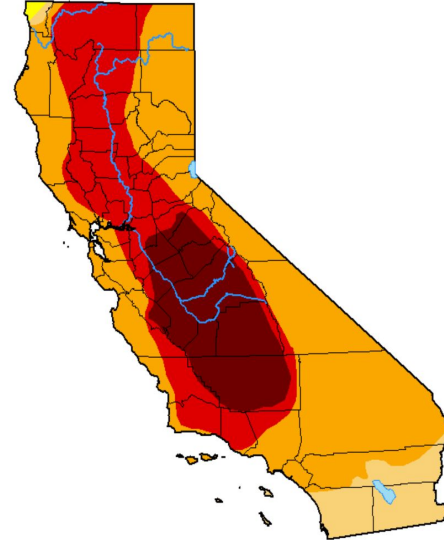
Author:

Richard Heim
NCEI/NOAA



droughtmonitor.unl.edu

U.S. Drought Monitor California



October 25, 2022

(Released Thursday, Oct. 27, 2022)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	99.77	91.83	43.06	16.57
Last Week 10-18-2022	0.00	100.00	99.77	91.83	40.91	16.57
3 Months Ago 07-26-2022	0.00	100.00	99.78	97.47	59.81	12.74
Start of Calendar Year 01-04-2022	0.00	100.00	99.30	67.62	16.60	0.84
Start of Water Year 09-27-2022	0.00	100.00	99.76	94.01	40.91	16.57
One Year Ago 10-26-2021	0.00	100.00	100.00	93.81	83.33	38.74

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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droughtmonitor.unl.edu

Drought status did not change much from September to October in California.



NATIONAL WEATHER SERVICE
OCEANIC AND ATMOSPHERIC ADMINISTRATION

San Diego